

# Dynapac CA5000D

## Single drum vibratory rollers



### Technical data



#### Masses

|                             |                  |
|-----------------------------|------------------|
| Operating mass (incl. ROPS) | 16000 kg         |
| Operating mass (incl. Cab)  | 16200 kg         |
| Module mass (front/rear)    | 10700 kg/5500 kg |
| Max. operating mass         | 18700 kg         |



#### Dimensions

|            |         |
|------------|---------|
| Drum width | 2130 mm |
|------------|---------|



#### Compaction

|                                          |               |
|------------------------------------------|---------------|
| Static linear load                       | 50 kg/cm      |
| Nominal amplitude (high/low)             | 2.1 mm/0.8 mm |
| Vibration frequency (high/low amplitude) | 29 Hz/30 Hz   |
| Centrifugal force (high/low amplitude)   | 330 kN/140 kN |



#### Hydraulic system

|                                |                                                             |
|--------------------------------|-------------------------------------------------------------|
| Driving                        | Hydrostatic                                                 |
| Vibration                      | Hydrostatic                                                 |
| Steering                       | Hydrostatic                                                 |
| Service brake                  | Hydrostatic in forward and reverse lever.                   |
| Parking/<br>Emergency<br>brake | Failsafe multidisc brake in drum gear box and in rear axle. |



#### Engine

|                    |       |
|--------------------|-------|
| Fuel tank capacity | 272 l |
|--------------------|-------|



#### Engine

|                        |                             |
|------------------------|-----------------------------|
| Manufacturer/Model     | Deutz TCD2012L06 (IIIA/3)   |
| Type                   | Water cooled turbo Diesel   |
| Rated power, ISO 14396 | 128 kW (174 hp ) @ 2200 rpm |



#### Engine

|                        |                             |
|------------------------|-----------------------------|
| Manufacturer/Model     | Deutz TCD6,1L06 (IIIB/4i)   |
| Type                   | Water cooled turbo Diesel   |
| Rated power, ISO 14396 | 129 kW (175 hp ) @ 2200 rpm |



#### Traction

|                          |               |
|--------------------------|---------------|
| Speed range (Dual/TC/AS) | 4/6/7/11 km/h |
| Vertical oscillation     | ±9°           |
| Tyre size (12 ply)       | 23,1 x 26 AW  |
| Theor. gradeability      | 56 %          |

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We reserve the right to change specifications without notice. Photos and illustrations do not always show standard versions of machines.  
The above information is a general description only, all informations are supplied without liability.

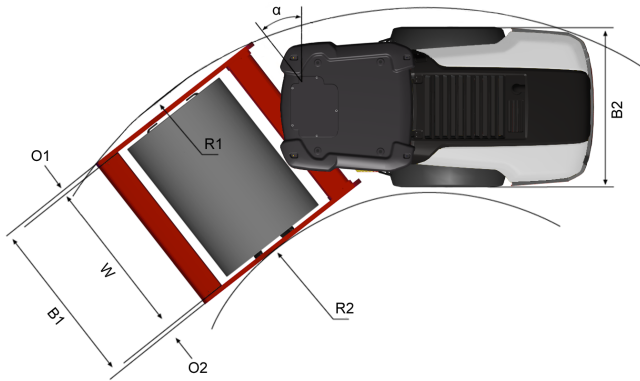
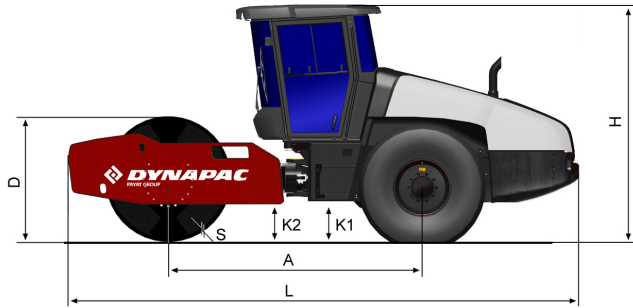
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### Technical data



| Dimensions                  |         |
|-----------------------------|---------|
| A. Wheelbase                | 3100 mm |
| B1. Width, front            | 2340 mm |
| B2. Width, rear             | 2130 mm |
| D. Drum diameter            | 1536 mm |
| H1. Height, with ROPS/cab   | 2890 mm |
| H2. Height, w/o ROPS/cab    | 2130 mm |
| K1. Ground clearance        | 450 mm  |
| K2. Curb clearance          | 450 mm  |
| L. Length                   | 6240 mm |
| O1. Overhang, right         | 105 mm  |
| O2. Overhang, left          | 105 mm  |
| R1. Turning radius, outside | 5800 mm |
| R2. Turning radius, inside  | 3300 mm |
| S. Drum shell thickness     | 43 mm   |
| W. Drum width               | 2130 mm |
| α. Steering angle           | ±38°    |

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